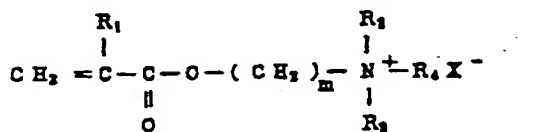


PUBLICATION NUMBER : 63063739
 PUBLICATION DATE : 22-03-88
 APPLICATION DATE : 04-09-86
 APPLICATION NUMBER : 61208494

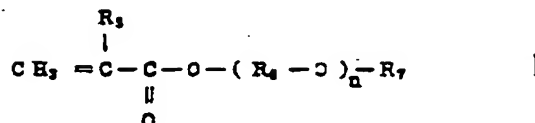


APPLICANT : MITSUBISHI RAYON CO LTD;

INVENTOR : HATAKEYAMA HIROKI;

INT.CL. : C08L 33/10

TITLE : RESIN COMPOSITION EXCELLENT IN
 ANTISTATIC PROPERTY AND
 TRANSPARENCY



ABSTRACT : PURPOSE: To obtain the title composition excellent in transparency and a permanent antistatic effect, by mixing a methyl methacrylate polymer with a specified copolymer.

CONSTITUTION: A copolymer (B) is obtained by copolymerizing 20-90wt% monomer having a quat. ammonium salt group of formula I (wherein R₁ is H or methyl, R₂₋₄ are each H or a 1-9C alkyl which may be substituted, m is 1-10 and X⁻ is a monovalent inorganic or organic acid group or an equivalent of an inorganic or organic acid) with 10-80wt% monomer containing a copolymerizable polyalkylene glycol component of formula II (wherein R₅ is H or methyl, R₆ is a 4C or lower alkyl which may be branched, R₇ is H or a 1-20C alkyl and n is 1-500) and 0-70wt% copolymerizable vinyl monomer (e.g., acrylonitrile), 0.1-40pts.wt. component B is added to 100pts.wt. methyl methacrylate (A) (e.g., methacrylic resin) of a limiting viscosity of 0.4-0.8dl/g, and the obtained mixture is melt-kneaded by heating to obtain a resin composition of a surface resistivity of 10⁹-10¹²Ω.

COPYRIGHT: (C)1988,JPO&Japio